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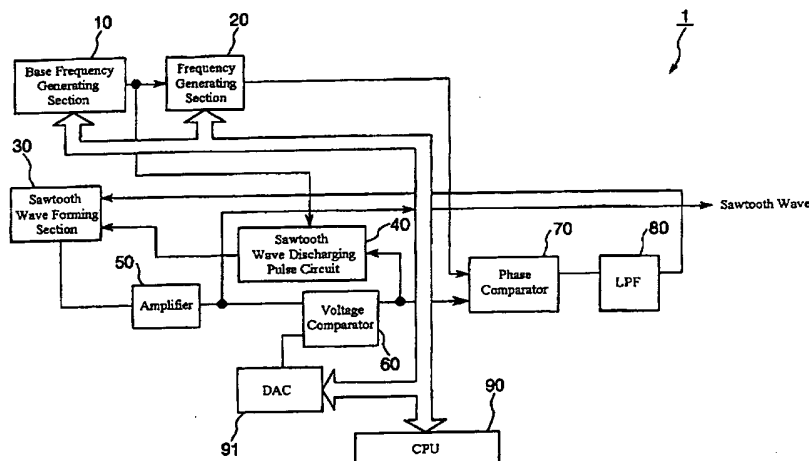


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(57) Abstract: A sawtooth wave generating apparatus 1 includes a base frequency generating section 10 and a frequency generating section 20 for generating the frequency of a reference signal, a sawtooth wave forming section 30 which forms a sawtooth wave based on the reference signal, a voltage comparator 60 which compares the voltage value of the sawtooth wave formed by the sawtooth wave forming section 30 with a predetermined voltage value, a phase comparator 70 which compares the phase of the output signal from the voltage comparator 60 with the phase of the reference signal, and a low-pass filter (LPF) 80 which cuts out a high frequency component of the output signal from the phase comparator 70, and feeds back the resulting output signal to the sawtooth wave forming section 30.

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national Application No

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 455 493 A (PULLURU KISHAN R ET AL) 3 October 1995 (1995-10-03) column 2, line 24 - column 8; figures 1,2	1-3,5,7, 8,10,11
Y		6,9
Y	EP 0 574 982 A (KONINKL PHILIPS ELECTRONICS NV) 22 December 1993 (1993-12-22) column 7, line 41 - column 8, line 34; figure 3 ----- -/--	6

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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